

WMS Pro

Web Management System



OVERVIEW

WMS Pro is the latest software suite from Aritech, designed and developed in Australia, to provide a user-friendly and modern management interface for Tecom security and access control systems.

WMS Pro has been designed using modern technologies and cyber security best practices, with customer and market feedback in mind, focusing on ease of use, increased efficiency, and functionality that directly benefits existing Tecom users, adding value to systems of all sizes and complexities - from a small, single-panel installation, through to large multi-national customers. Combined with an intuitive web-based user interface, end-users and site operators are empowered to easily manage and control their Tecom system, Cardholders, access rights, and more.

Tecom power-users can utilise advanced functionality in WMS Pro, with an improved status and control experience, robust permissions on operators and roles, customisable user-defined fields, and advanced views to seamlessly view access rights on individual devices without leaving the page.

Regardless of whether you're an end-user or an installer, a small site or a large site, WMS Pro offers benefits across a wide variety of system requirements.

	Lite Edition	Standard Edition
Included Controllers	1	5
Included NACs	0	0
Max Controllers / NACs (combined)	50	600
Included Operators (active sessions)	2	5
Max. Operators (active sessions)	20	300
Tecom Discovery Integration	Yes	Yes
Dark Mode	Yes	Yes
Alarm Handling	Optional	Yes
Site Maps	Yes	Yes
Automations	Yes	Yes
External API	N/A	Optional

FEATURES

- Discovery-ready**
 Supports the next generation of Tecom hardware.
- Alarm Management**
 Easily manage alarms on your system, with customisable options for visual and auditory indicators, full-screen overrides, email on alarm, live status with quick-control actions, and up to 99 configurable alarm priorities.
- Site Maps**
 Customers can manage their site using an easy to understand interface, providing graphical interactions and indicators for device status, alarms, and quick access to control commands.
- Display Themes**
 Operators can set their display theme to light or dark mode, compliant with modern-day Web Content Accessibility Guidelines.
- Control Connected Devices**
 Easily view and control devices directly from the WMS Pro web interface, both individually and in bulk, spanning across every controller.
- Device and Software History Logs**
 Operators can audit and filter activity across the entire system, saving the results to PDF or Excel for record-keeping purposes or further analysis.
- Flexible Access Rights**
 Easily manage access rights for employees, contractors, and visitors across your entire system, with advanced views to seamlessly view access rights on individual devices without leaving the page.
- Card and Credential Management**
 Multiple credentials of varying formats can be assigned to each Cardholder, with versatile options and full transparency directly to the hardware.
- CTPlus Integration**
 WMS Pro acts as a centralised database for CTPlus, ensuring programming is always current, and changes are immediately saved and visible everywhere.
- Cyber Secure**
 Complies with IT Industry best practices and cyber security requirements. Pen-testing and analysis performed using industry experts and tools that meet security standards ISO 26262, ISO/IEC TS 17961, OWASP Top 10, CWE Top 25, and more.
- REST API Integrations**
 Integrate external systems directly to WMS Pro using a bidirectional REST API, fully documented in WMS Pro.

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National Sales Enquiries
Level 4.01, 2 Ferntree Place
Notting Hill, Victoria 3168
Phone: 1300 361 479
Outside Australia: +61 401 777 572
www.aritech.com.au

SERVER SPECIFICATIONS

	Minimum	Recommended
Operating System	Microsoft Windows 10 Pro (64-bit)	Microsoft Windows Server 2019 or newer (64-bit)
Database	Microsoft SQL Server Express 2019	Microsoft SQL Server Standard 2019
Processor	4 Cores @ 2.60 GHz (2020 or later)	16 Cores @ 5.10 GHz (2022 or later)
Memory	8 GB	32 GB
Storage	120 GB (SSD)	2 TB (SSD)
Network	1GbE Gigabit Ethernet	
Default TCP/IP Ports	13000 (TCP Controller Comms) 443 (HTTPS Web Clients)	
Supported Tecom Devices	ChallengerPlus (and all downstream devices) Tecom Discovery (WMS Pro 2.0 and later)	
Controller Connection Type	TCP/IP	
Maximum Controllers	600	
Maximum Operators	300	
Events per Second	Average 50 events/sec continuous (Approx 15-20 events/sec per CPU core) Peak up to 220 events/sec	
Maximum History Events	10 Million (Lite & Standard Edition)	
Maximum Cardholders	65535	

CLIENT SPECIFICATIONS

Operating System	Any
Web Browser	Any (Chrome, Edge, Firefox, Safari)
Screen Resolution	1920 x 1080 (or higher)
Card Programmer	Windows OS required for ScplInterface app

ORDERING INFORMATION

Part Number	Description	Inclusions
Software Editions		
TS-WMSPRO-LITE	WMS Pro Base Software, Lite Edition (1 x Cont, 2 x Op)	Lite Edition Software License 1 x Controller License 2 x Operator License
TS-WMSPRO-STD	WMS Pro Base Software, Standard Edition (5 x Cont, 5 x Op, Alm)	Standard Edition Software License Alarm Management 5 x Controller License 5 x Operator License
TS-WMSPRO-UPG1	WMS Pro Edition Upgrade, Lite-Standard	+ Alarm Management +4 Controller Licenses +3 Operator Licenses
Additional Licenses		
TS-WMSP-CON1	WMS Pro License - 1 Controller	1 x Controller License
TS-WMSP-OP1	WMS Pro License - 1 Operator	1 x Operator License
TS-WMSP-NAC1	WMS Pro License - 1 Network Access Controller	1 x NAC License
TS-WMSP-ALM*	WMS Pro License - Alarm Management (only valid for Lite Edition)	Alarm Management
TS-WMSP-CHAPI	WMS Pro License - 1 Cardholders API Connection (available with Standard Edition only)	1 x Cardholders API License
TS-WMSP-EDAPI	WMS Pro License - 1 3rd Party API Connection (available with Standard Edition only)	1 x 3rd Party API License

* Optional, only required for customers using the Lite Edition who wish to enable alarm management on their installation.



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